

# THE ONTARIO AGRICULTURAL COLLEGE, GUELPH.

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This College is the only institution in the Province specially adapted to the education of farmers' sons; and the course has been so arranged that students may spend five months of the busy season of the year on their own farms.

## Inquiries about the College.

"What is done at the College? Are foremen sent with students to show them how to clean stables; groom, harness, and drive horses; feed cattle, milk cows, and look after sheep; plow, harrow, and drill; dig drains and post holes; cut and cure hay, etc., etc.?"

Those who ask such questions have a somewhat mistaken idea as to the scope of work undertaken at the College. Such practical operations should be learned before students enter the College.

It is, of course, the duty and aim of the professors, instructors, and foremen of the College to give all *the practice* possible, accompanied by suitable instruction, in various operations, say in the combining and mixing of foods for different classes of stock on the farm, the feeding of animals, the judging of live stock (horses, cattle, sheep, and hogs), the care of milk and making of butter, the pruning and grafting of fruit trees, and the use of carpenters' tools for general repairs, etc.; but the main object is to instruct students in the principles which underlie farm operations and train them to enquire and *determine for themselves* why certain methods give better results than others in the tillage of land, times and ways of seeding, harvesting of crops, feeding and management of live stock, etc.,—the aim always being to combine knowledge with practice in farm operations; to teach the sciences which bear more or less directly on these operations; and, at the same time, to furnish a practical education in English, political economy, etc.,—such an education as every farmer needs.

## Course of Instruction and Apprenticeship.

Full courses of lectures with practical instruction in class-rooms, laboratories, stables, yards, and fields,—in agriculture, live stock, and dairying; veterinary science and practice; English grammar, literature, and composition; book-keeping; and those branches of natural science and mathematics which have a direct bearing on the work of the agriculturalist, such as chemistry, geology, botany, bacteriology, entomology, arithmetic, mensuration, etc.

The forenoon of each day, except Saturday, from 8.45 to 12.05 (3½ hours) is devoted to lectures and practical instruction in the above subjects. In the afternoon, all first and second year students are sent alternately to work in the outside departments—in the fields, among the live stock, in the dairy, in the poultry department, in the carpenter shop, in the garden or green-houses, and in the experimental department.

## Terms of Admission.

Students are admitted on the 14th September. Applicants for admission must be sixteen years of age; they must also have spent at least one year at work on a farm, and have a practical knowledge of ordinary farm operations, such as harnessing and driving horses, plowing, harrowing, drilling, etc. The subjects of examination for entrance are—

- (1) Reading, writing, and dictation.
- (2) English Grammar—parsing and analysis.
- (3) Arithmetic—to the end of Simple Proportion.
- (4) The outlines of General Geography, and the Geography of Canada.

Certificates of university matriculation, first-class teachers' certificates, and second-class teachers' certificates are accepted in lieu of passing the entrance examination.

## Cost.

The net cost for board, washing, and tuition, to an Ontario farmer's son, is from \$50 to \$60 a year. If he gets the County nomination for free tuition, his net outlay for these items need not exceed \$40 a year; and the College Session is arranged so that students can be at home on their own farms for spring seeding, haying, harvest, fall seeding, and some of the fall plowing—from the 16th April till the 14th September.

By this arrangement farmers' sons can get an education at very small cost, and with the least possible interference with the work at home.

## Equipment for Work.

In the class-room, in the laboratories, and on the farm, our equipment for work and practical instruction is all that can be desired.

Our farm is in good shape, well tilled and well managed. We have eight breeds of cattle, nine breeds of sheep, and five breeds of swine, for instruction in the live stock department; sixteen varieties of hens, to illustrate lectures on poultry; all necessary appliances, for the broadest and most

thorough training; carpenter shop; green-houses and horticulture; a veterinary science, 2,000 plots, for potatoes, etc.; books and paper.

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thorough training in milk-testing, butter-making, and cheese-making; a carpenter shop, in which students are taught the use of tools; a good set of green-houses and a botanical laboratory for practical work in botany and horticulture; a special room, for practical operations and demonstrations in veterinary science; forty-three acres of land divided into something over 2,000 plots, for field experiments with grain, grasses, clovers, corn, roots, potatoes, etc.; also a large library and reading-room, well furnished with books and papers for the use of students.

### Course in Dairying.

If you cannot let your son come long enough to take the regular course as outlined in this circular, send him, or some of your daughters, for the Dairy Course, which commences on the 4th January and lasts for three months. In this course they can learn milk-testing, butter-making, and cheese-making, or any one of the three branches of dairy work.

### Short Special Courses.

If the foregoing suggestions do not meet with your approval, please take note of the fact that any person—man, woman, boy, or girl—may come to the College at any time for practical work, with more or less instruction, in one or more branches, say in poultry, or horticulture, or green-house work, or dairying, or two or three of these or other branches.

There is no entrance examination for the dairy, nor for any of the short special courses.

### Give Your Sons an Equal Chance.

You are now giving one or two of them an education that they may enter some trade or profession; and you are keeping another at home to look after the farm. The latter will get most of your land with little or no education, which means that (in spite of himself) he will be a hewer of wood and drawer of water for those who get the education. Is this fair? Do something towards giving this boy an education. It is better to leave him ten acres less land and give him such an education as will enable him to hold his own among his educated brothers and other professional men. Send him for a year or two to the Ontario Agricultural College, Guelph, where he will get precisely the kind of education which he needs, at the least possible cost; where he will acquire a liking for farm work and farm life; and will receive an inspiration that will brighten his life and make him a more intelligent and successful worker.

Send for a copy of the regular College Circular.

JAMES MILLS, M.A.,

PRESIDENT.

ONTARIO AGRICULTURAL COLLEGE,  
Guelph, May, 1900.